# Authors Index to Volume 17 — 1990

Adams, C.: 40 (Feb)
Agid, Y.: 404 (Nov)
Akiyama, H.: 1 (Feb)
Andremann, E.: 12 (Feb)
Andre, P.: 286 (Aug)
Anile, C.: 67, 83, 92 (Feb)
Applegarth, D.A.: 145 (May)
Appleton, R.E.: 145 (May)
Araya, F.: 95 (Feb)
Armstrong, D.: 40 (Feb)
Asa, S.L.: 131 (May)
Ashby, P.: 124 (May)

Barbarino, A.; 67, 92 (Feb)
Beattie, B.L.: 1 (Feb)
Beauregard, H.: 62 (Feb)
Becker, L.E.: 361 (Nov)
Becker, W.J.: 264, 275 (Aug)
Bedard, F.: 103 (May)
Benli, S.: 149 (May)
Bennaceur, B.: 95 (Feb)
Bernier, J.P.: 324 (Aug)
Black, M.J: 320 (Aug)
Black, P.: 353 (Aug)
Blaschuk, K.: 311 (Aug)
Bosma, N.J.: 71 (Feb)

Cairneross, J.G.: 21 (Feb) Calne, D.B.: 1 (Feb): 298 (Aug) Camfield, C.S.: 306 (Aug) Camfield, P.R.: 306, 309 (Aug) Campanella, G.: 286 (Aug) Cartier, L.: 95 (Feb) Castillo, J.L.: 95 (Feb) Charles, D.: 170 (May) Chase, T.N.: 292 (Aug) Chavoix, C.: 404 (Nov) Chi-Lum, B.I.: 372 (Nov) Chu, N-S.: 298 (Aug) Clark, C.: 140, 298 (Aug) Cole, D.J.: 372 (Nov) Colohan, A.R.T.: 320 (Aug) Comtois, R.: 62 (Feb) Couture, M.: 311 (Aug) Crockett, D.: 1 (Feb) Croughs, R.J.M.: 71 (Feb) Curtis, J.: 190 (May)

Davidson, A.G.F.: 145 (May) deVries, J.: 352 (Aug) De Marinis, L.: 67, 92 (Feb) Deck, J.H.N.: 395, 420 (Nov) Del Maestro, R.: 177 (May) Dimmick, J.E.: 145 (May) Dolan, E.J.: 184 (May) Dooley, J.M.: 309 (Aug) Drummond, J.C.: 372 (Nov) Ducic, S.: 286 (Aug) Duncan, E.G.: 170 (May) Dykes, R.W.: 24 (Feb)

Eisenhauer, E.A.: 21 (Feb)

Falconer, J.: 35 (Feb) Fanghanel, G.: 78 (Feb) Fanganel, L.: 78 (Feb) Farrell, C.L.: 177 (May) Farrell, K.: 145 (May) Fedio, P.: 292 (Aug) Feld, R.: 190 (May) Francis, G.S.: 382 (Nov) Fraser, F.C.: 12 (Feb) Frecker, M.F.: 12 (Feb) Fruend, H.J.: 264 (Aug)

Gauthier, S.: 302 (Aug) Gauvreau, D.: 302 (Aug) Gelb, A.W.: 95 (Feb) Gogus, S.: 149 (May) Gorecki, J.: 184 (May) Guberman, A.: 46 (Feb): 311 (Aug) Guha, A.: 190 (May)

Habas, J.E.: 74 (Feb) Hachinski, V.C.: 332 (Aug) Hader, W.J.: 391 (Nov) Haegert, D. C.: 382 (Nov) Halliday, W.C.: 131 (May) Hardy, J.: 62 (Feb) Harrop, R.: 1 (Feb) Hashimoto, L.L.: 387 (Nov) Hashimoto, S.A.: 387 (Nov) Hayden, M.: 140 (May) Hendriks, M.J.: 71 (Feb) Herrick, I.A.: 95 (Feb) Hicks, T.P.: 30 (Feb) Hoffer, J.A.: 275 (Aug) Hudson, A.J.: 427 (Nov) Hudson, A.R.: 399 (Nov) Humphreys, P.: 151 (May): 317 (Aug)

Irvine, D.G.: 391 (Nov) Jacob, J.C.: 424 (Nov) Jimenez, C.: 151 (May) Julien, J-P.: 302 (Aug)

Kalnins, V.I.: 15 (Feb)

Kaneko, T.: 30 (Feb)
Kassim, K.H.: 378 (Nov)
Kaufman, J.C.E.: 378 (Nov)
Keene, D.L.: 151 (May): 317
(Aug)
Kerr, I.G.: 21 (Feb)
Khaldi, F.: 95 (Feb)
Klein, P.: 329 (Aug)
Klonoff, H.: 140 (May)
Kovacs, K.: 131 (May)
Kucharczyk, W.: 184 (May)
Kunesch, E.: 264 (Aug)

Lacoste-Royal, G.: 302 (Aug) Lamarche, J.B.: 324 (Aug) Lang, A.E.: 137 (May): 416 (Nov) Langevin, P.: 103 (May) Laperriere, N.J.: 199 (May) Larnaout, A.: 95 (Feb) Larraza, O.: 78 (Feb) Lataste, X.: 416 (Nov) Lee, R.G.: 275 (Aug) Lishner, M.: 190 (May) Litvan, I: 292 (Aug) Lothman, E.: 329 (Aug)

MacCormick, R.E.: 21 (Feb) MacLean, G.: 46 (Feb) MacDonald, D.R.: 21 (Feb) MacDonald, R.L.: 399, 420 (Nov)

Maira, G.: 67, 83, 92 (Feb) Mamelak, M.: 332 (Aug) Mancini, A.: 92 (Feb) Mangan, M.A.: 424 (Nov) Marcantonio, S.: 372 (Nov) Maria, B.L.: 15 (Feb) Maroun, F.B.: 424 (Nov) Martin, W.: 35 (Feb) Martin, W.R.W.: 298 (Aug) Masson, H.: 286 (Aug) Mathieu, J.: 103 (May) Mathieu, M.: 302 (Aug) Matsell, D.G.: 151 (May) Matsumura, J.S.: 372 (Nov) Maziere, M.: 404 (Nov) McGeer, E.G.: 1 (Feb) McGeer, P.L.: 1 (Feb) McKinley, P.A.: 24 (Feb) Megyesi, J.F.: 177 (May) Messner, H.: 190 (May) Michaud, M.: 382 (Nov) Miladi, N.: 95 (Feb) Mohr, E.: 292 (Aug) Mohr, G.: 62 (Feb) Moore, M.J.: 21 (Feb) Moore, M.R.: 353 (Aug) Morrice, B.: 275 (Aug) Moulton, R.J.: 399 (Nov) Muller, P.J.: 193 (May): 399 (Nov) Mun, E.: 353 (Aug)

Nalbantoglu, J.: 302 (Aug) Nelson, R.: 53 (Feb) Norris, J.W.: 332 (Aug)

O'Neil, M.: 309 (Aug) Oka, J-I.: 30 (Feb) Oryema, J.: 124 (May) Panisset, J.C.: 286 (Aug)

Pappata, S.: 404 (Nov) Parent, A.D.: 88 (Feb) Parks, R.: 1 (Feb) Penswick, J.L.: 336 (Aug) Peppard, R.P.: 1 (Feb) Peppard, R.F.: 298 (Aug) Perrin, R.G.: 190 (May) Phillips, S.J.: 163 (May) Pheline, C.: 49 (Feb) Poland, S.D.: 378 (Nov) Pollanen, M.S.: 395 (Nov) Post, K.D.: 74 (Feb) Power, C.: 378 (Nov) Prenant, C.: 404 (Nov) Prevost, C.: 103 (May) Pryse-Phillips, W.E.M.: 12 (Feb) Ramsay, D.A.: 336 (Aug) Rathbone, M.P.: 21 (Feb) Renda, Y.: 149 (May) Rice, G.P.A.: 378, 427 (Nov) Riley, D.E.: 416 (Nov) Robertson, D.M.: 336 (Aug) Ross, I.B.: 320 (Aug) Ross, R.T.: 155 (May) Rossitch, E.: 353 (Aug) Roy, M.: 286 (Aug)

Sadovnick, A.D.: 352 (Aug), 387 (Nov)
Samson, Y.: 404 (Nov)
Samulack, D.D.: 24 (Feb)
Sarnat, H.B.: 109 (May)
Sawka, C.A.: 21 (Feb)
Scheithauer, B.W.: 131 (May)
Schiefer, E.B.: 391 (Nov)
Seck, A.: 404 (Nov)
Sherwin, A.: 311 (Aug)
Spiegel, S.: 124 (May)
Suchowersky, O.: 352 (Aug)

Tasker, R.R.: 184 (May) Tator, C.H.: 170 (May) Teal, P.: 298 (Aug) Topaloglu, H.: 149 (May) Tucker, W.S.: 399 (Nov) Tuokko, H.: 1 (Feb)

van't Verlaat, J.W.: 71 (Feb) Vachon, L.: 416 (Nov) VandenBerg, S.R.: 329 (Aug) Veilleux, M: 324 (Aug) Velasco, F.: 78 (Feb) Velasco, M.: 78 (Feb) Verdugo, R.: 95 (Feb) Villalobos, M.: 78 (Feb) Vohra, A.: 309 (Aug)

Wada, J.A.: 35 (Feb)
Waters, R.S.: 24 (Feb)
Weinshenker, B.G.: 53 (Feb)
Weir, B.K.A.: 424 (Nov)
Whiting, S.: 317 (Aug)
Williams, J.: 292 (Aug)
Wilson, B.C.: 193 (May)
Wong, D.: 15 (Feb)
Wong, L.T.K.: 145 (May)

Zayed, J.: 286 (Aug) Zientek, G.: 329 (Aug)

# Subject Index to Volume 17 — 1990

### Abstracts

XXVth Canadian Congress of Neurological Sciences 209 (May)

1989 Meeting of the Canadian Association of Neuropathologists 336 (Aug)

### **Acoustic Neuromas**

Comparisons of the Clinical and Radiological Features and Surgical Management of Posterior Fossa Meningiomas and Acoustic Neuromas 170 (May)

### **ACTH Secreting Adenomas**

Comparison of Long Term Results Between Prolactin Secreting Adenomas and ACTH Secreting Adenomas 74 (Feb)

### **Amyotrophic Lateral Sclerosis**

Association Between Alzheimer's Disease and Amyotrophic Lateral Sclerosis 12 (Feb)

Correspondence 352 (Aug)

# **Amyotrophic Lateral Sclerosis of Guam**

Similarities Of Guamanian ALS/PD To Post-Encephalitic Parkinsonism/ALS: Possible Viral Cause 427 (Nov)

### Alzheimer Disease

Association Between Alzheimer's Disease and Amyotrophic Lateral Sclerosis 12 (Feb)

Correspondence 352 (Aug)

18 Fluorodeoxyglucose Positron Emission Tomography Studies In Presumed Alzheimer Cases, Including 13 Serial Scans 1 (Feb)

Lack of Association Between two Restriction Fragment Length Polymorphisms in the Genes for the Light and Heavy Neurofilament Proteins 302 (Aug)

Selective Deficits in Alzheimer and Parkinsonian Dementia: Visuospatial Function 292 (Aug)

**Amyloid Angiopathy** 

Fatal Streptokinase-Induced Intracerebral Haemorrhage In Cerebral Amyloid Angiopathy 336 (Aug)

### Astrocytomas

Critical Appraisal of Experimental Radiation Modalities for Malignant Astrocytomas 199 (May)

### Benzodiazepine Receptors

Positron Emission Tomography Study of Brain Benzodiazepine Receptors in Friedreich's Ataxia 404 (Nov)

#### **Blood-Brain Barrier**

Hemodilution and Hypertension During Temporary Middle Cerebral Artery Occlusion in Rats: The Effect on Blood-Brain Barrier Permeability 372 (Nov)

### **Brain Tumors**

Photodynamic Therapy Of Malignant Brain Tumours 193 (May)

### **Bromocriptine**

Results of Primary Treatment with Bromocriptine of Prolactinomas with Extrasellar Extension 71 (Feb)

### Carinoid

Paraneoplastic Encephalomyelitis and Subacute Dysautonomia Due to an Occult Atypical Carcinoid Tumour of the Lung 324 (Aug)

### Cauda Equina

Primary CNS Lymphoma: Lymphomatous Meningitis Presenting as a Cauda Equina Lesion in an Aids Patient 329 (Aug)

# Cerebellar Dysfunction

Coordination of a Multi-Joint Movement in Normal Humans and in Patients with Cerebellar Dysfunction 264 (Aug)

Manual Tracking Performance In Patients
With Cerebellar Incoordination:
Effects of Mechanical Loading 275
(Aug)

### Cerebral Glucose Metabolism

Clinical Differences Between Metoclopramide-Antipsychotic-Induced Tardive Dyskinesias 137 (May)

### Chordome

Immunohistochemistry of Ecchordosis Physaliphora and Chordoma 420 (Nov)

### **Clinical Trials**

Phase II Study of Trimetrexate in Recurrent Anaplastic Glioma 21 (Feb)

### Clobazan

Add-on Trial of Clobazam in Intractable Adult Epilepsy with Plasma Level Correlations 311 (Aug)

Clobazam as an Add-on Drug in the Treatment of Refractory Epilepsy of Childhood 317 (Aug)

### Congenital Muscular Dystrophy

Fukuyama Type Congenital Muscular Dystrophy in a Turkish Child 149 (May)

### Corpus Callsum

Neuropathie Sensitivo – Motrice Hereditaire avec ou sans Agenesie du Corps Calleux: Etude Radiologique et Clinique de 64 Cas. 103 (May)

### Craniovertebral Anomaly

Hemifacial Spasm and Craniovertebral Anomaly 424 (Nov)

#### CT Scar

PET, CT, and MRI Imaging of Neuronal Migration Anomalies in Epileptic Patients 35 (Feb)

### Cytomegalovirus

Encephalopathy in Liver Transplantation: Neuropathology and CMV Infection 378 (Nov)

#### Desmin

Myotubular Myopathy: Arrest of Morphogenesis of Myofibres Associated with Persistence of Fetal Vimentin and Desmin 109 (May)

# Dysautonomia

Paraneoplastic Encephalomyelitis and Subacute Dysautonomia Due to an Occult Atypical Carcinoid Tumour of the Lung 324 (Aug)

### **Ecchordosis Physaliphora**

Immunohistochemistry of Ecchordosis Physaliphora and Chordoma 420 (Nov)

### Edema, Tumour-Associated

Mechanisms of Tumour-Associated Edema: A Review 177 (May)

## **Embolic Watershed Infarction**

The Mechanism of Embolic Watershed Infarction Experimental Studies 395 (Nov)

## **Empty Sella Syndrome**

Cerebrospinal Fluid and Prolactin Dynamics Correlations in Normoprolactinemic Primary Empty Sella 92 (Feb)

### **Epilepsy**

PET, CT, and MRI Imaging of Neuronal Migration Anomalies in Epileptic Patients 35 (Feb)

Clobazam as an Add-on Drug in the Treatment of Refractory Epilepsy of Childhood 317 (Aug)

## Freidreich's Ataxia

Positron Emission Tomography Study of Brain Benzodiazepine Receptors in Freidreich's Ataxia 404 (Feb)

#### GABA

Receptive-field Size of S1 Cortical Neurons is Altered by Methaqualone via a GABA Mechanism 30 (Feb)

#### **GFAP**

Dibutyryl Cyclic AMP Induces Vimentin and GFAP Expression in Cultured Medulloblastoma Cells 15 (Feb)

### Glioma

Phase II Study of Trimetrexate in Recurrent Anaplastic Glioma 21 (Feb)

### Growth Hormone Secreting Pituitary Adenomas

Differential Response to Aminergic Stimuli and Biological Behavior of Growth Hormone Secreting Pituitary Adenomas 78 (Feb)

### Headache

The Value of CT Scans for Children With Headaches 309 (Aug)

### Hemifacial Spasm

Hemifacial Spasin and Caniovertebral Anomaly 424 (Nov)

### Hepatotoxicity

The High Incidence of Valproate Hepatotoxicity in Infants May Relate to Familial Metabolic Defects 145 (May)

### **Historical Comment**

Correspondence 353 (Aug)

### Hypertension

Hemodilution and Hypertension During Temporary Middle Cerebral Artery Occlusion in Rats: The Effect on Blood-Brain Barrier Permeability 372 (Nov)

### Hypervolemia-Hemodilution

Hemodilution and Hypertension During Temporary Middle Cerebral Artery Occlusion in Rats: The Effect on Blood-Brain Barrier Permeability 372 (Nov)

### Intermediate Filaments

Intermediate Filaments in the Human Pituitary Gland: An Immunohistochemical Study 131 (May)

# **Legal Issues**

Symposium: Legal Issues in the Practice of Neurology and Neurosurgery 434 (Nov)

### Lymphoma

Primary CNS Lymphoma: Lymphomatous Meningitis Presenting as a Cauda Equina Lesion in an AIDS Patient 329 (Aug)

# **Lymphomatous Meningitis**

Primary CNS Lymphoma: Lymphomatous Meningitis Presenting as a Cauda Equina Lesion in an AIDS Patient 329 (Aug)

# **Magnetic Resonance Imaging**

PET, CT, and MRI Imaging of Neuronal Migration Anomalies in Epileptic Patients 35 (Feb)

#### Medulloblastoma

Dibutyryl Cyclic AMP Induces Vimentin and GFAP Expression in Cultured Medulloblastoma Cells 15 (Feb)

### Meningeal Malignancy

Experience in Ommaya Reservoir in 120 Consecutive Patients With Meningeal Malignancy 190 (May)

### Meningiomas

Comparisons of the Clinical and Radiological Features and Surgical Management of Posterior Fossa Meningiomas and Acoustic Neuromas 179 (May)

Petrous Meningiomas: A Review of Seventeen Cases 399 (Nov)

### Monomelic Atrophy

Monomelic Atrophy 124 (May)

#### **Motor Cortex**

Absence of Responses to Microstimulation at the Hand-Face Border in Baboon Primary Motor Cortex 24 (Feb)

### **Multiple Sclerosis**

A Cluster-Focus of Multiple Sclerosis at Henribourg, Saskatchewan 391 (Nov)

Heterogeneity in Multiple Sclerosis: Comparison of Clinical Manifestations in Relatives 387 (Nov)

Multiple Sclerosis in French Canadians: Evidence for HLA Class II Susceptibility and Resistance Genes 382 (Nov)

The Second Canadian Conference on Multiple Sclerosis 53 (Feb)

### Myasthenia Gravis

Late Pseudo-Exacerbation of Myasthenia Gravis Due to Ectopic Thymona Invading Lower Cranial Nerves 46 (Feb)

### Myelopathy

Acute Transverse Myelopathy in Children 40 (Feb)

### Myotonic Dystrophy

Neuropsychological Deficits and Sleep in Myotonic Dystrophy 410 (Nov)

# Myotubular Myopathy

Myotubular Myopathy: Arrest of Morphogenesis of Myofibres Associated with Persistence of Fetal Vimentin and Desmin 109 (May)

### Neuropathy

Neuropathie Sensitivo — Motrice Hereditaire avec ou sans Agenesie du Corps Calleux: Etude Radiologique et Clinique de 64 Cas 103 (May)

### **Neuropsychological Deficits**

Neuropsychological Deficits and Sleep in Myotonic Dystrophy 410 (Nov)

### Neurosurgery

Neurochirurgie et Créativité 49 (Feb)

### Ommaya Reservoir

Experience in Ommaya Reservoir in 120 Consecutive Patients with Meningeal Malignancy 190 (May)

### Paraneoplastic Encephalomyelitis

Paraneoplastic Encephalomyelitis and Subacute Dysautonomia Due to an Occult Atypical Carcinoid Tumour of the Lung 324 (Aug)

### Parkinson's Disease

Correspondence 352 (Aug)

CQA 206-291 In Parkinson's Disease: An Acute Single Escalating Dosage Study 416 (Nov)

Drug Induced Parkinsonism and Other Movement Disorders 155 (May)

Facteurs Environnementaux dans l'Etiologie de la Maladie de Parkinson 286 (Aug)

Parkinsonism With Neuroacanthocytosis 298 (Aug)

Similarities Of Guamanian ALS/PD To Post-Encephalitic Parkinsonism/ALS: Possible Viral Cause 427 (Nov)

# Pet Scan

18 Fluorodeoxyglucose Positron Emission Tomography Studies In Presumed Alzheimer Cases, Including 13 Serial Scans 1 (Feb)

PET, CT, and MRI Imaging of Neuronal Migration Anomalies in Epileptic Patients 35 (Feb)

# **Photodynamic Therapy**

Photodynamic Therapy Of Malignant Brain Tumours 193 (May)

### Pituitary

Surgical Management of Giant Pituitary Adenomas 62 (May)

Intermediate Filaments in the Human Pituitary Gland: An Immunohistological Study 131 (May)

### **Pituitary Adenomas**

Pituitary Adenomas in Childhood and Adolescence 83 (Feb)

# **Pituitary Apoplexy**

Visual Recovery after Blindness from Pituitary Apoplexy 88 (Feb)

#### Prolactin

Cerebrospinal Fluid and Prolactin Dynamics Correlations in Normoprolactinemic Primary Empty Sella 92 (Feb)

### Prolactinoma

Prolactin-Secreting Adenomas — Surgical Results 67 (Feb)

### Prolactinoma

Comparison of Long Term Results
Between Prolactin Secreting
Adenomas and ACTH Secreting
Adenomas 74 (Feb)

Results of Primary Treatment with Bromocriptine of Prolactinomas with Extrasellar Extension 74 (Feb)

#### Radiation

Critical Appraisal of Experimental Radiation Modalities for Malignant Astrocytomas 199 (May)

### Rhinorrhea, Cerebrospinal Fluid

Extracranial Repair of Cerebrospinal Fluid Rhinorrhea 320 (Aug)

#### Sleep

Clinical Recovery and Sleep Architecture Degradation 332 (Aug)

### **Stereotactic Biopsies**

Correlation of CT and MR With Impedance Monitoring and Histopathology in Stereotactic Biopsies 184 (May)

#### Stroke

Is Atrial Fibriallation an Independent Risk Factor for Stroke 163 (May)

### **Sudden Infant Death Syndrome**

Neural Maturational Delay as a Link in the Chain of Events Leading to SIDS 361 (Nov)

### Syncope

Syncope in Childhood: A Case Control Clinical Study of the Familial Tendency to faint 306 (Aug)

#### Thymona

Late Pseudo-Exacerbation of Myasthenia Gravis Due to Ectopic Thymona Invading Lower Cranial Nerves 46 (Feb)

### Tissue culture

Dibutyryl Cyclic AMP Induces Vimentin

and GFAP Expression in Cultured Medulloblastoma Cells 15 (Feb)

#### **Frimetrexate**

Phase II Study of Trimetrexate in Recurrent Anaplastic Glioma 21 (Feb)

### **Turner Syndrome**

Clinical Differences Between Metoclopramide- and Antipsychotic-Induced Tardive Dyskinesias 137 (May)

### Valproic Acid

The High Incidence of Valproate Hepatotoxicity in Infants May Relate to Familial Metabolic Defects 145 (May)

### Vasculitis

Isolated Angiitis of the Central Nervous System in Childhood 151 (May)

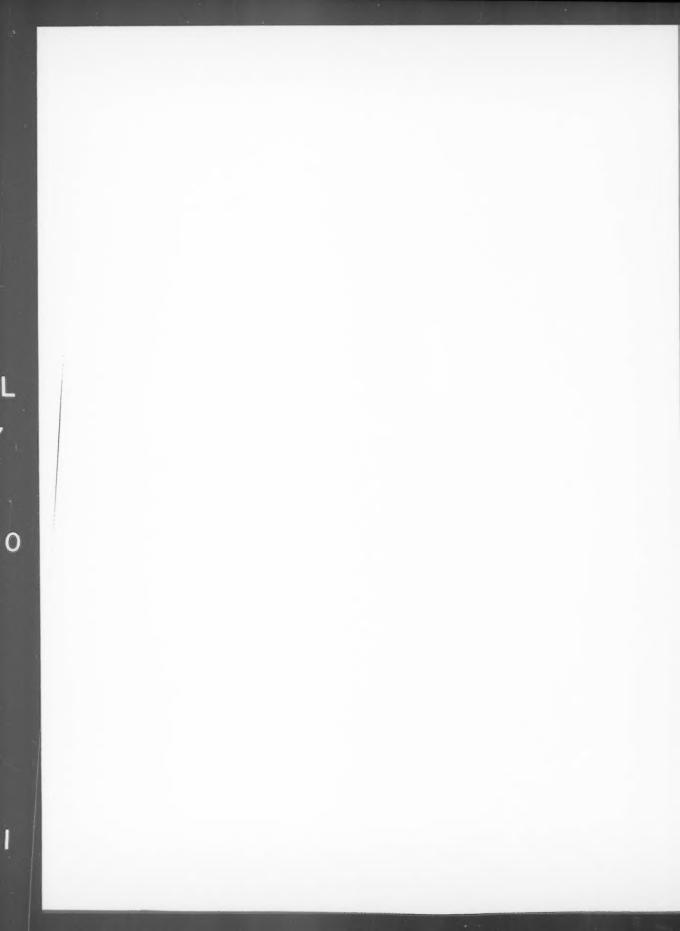
### Vimentin

Dibutyryl Cyclic AMP Induces Vimentin and GFAP Expression in Cultured Medulloblastoma Cells 15 (Feb)

Myotubular Myopathy: Arrest of Morphogenesis of Myofibres Associated with Persistence of Fetal Vimentin and Desmin 109 (May)

### The Canadian Le Journal Journal of Canadien des Neurological Sciences Neurologiques Sciences 1991 Subscription Order Form Rates: Within Canada Student \$30 Individual/Institution \$60 **Outside Canada** Student \$35 Individual/Institution \$70 Please invoice Amount Enclosed \$\_ Name. Address \_ Province \_ **Postal Code** IMPORTANT: In Canada please return this form with a cheque or money order payable to the Canadian Journal of Neurological Sciences. All other areas, remit in Canadian funds drawn on a Canadian bank or US funds drawn on a US bank or by international money order. **Currency equivalents:** Canadian \$70.00 = US \$60.00 Canadian \$35.00 = US \$30.00 Canadian \$60.00 = US \$51.00 Canadian \$30.00 = US \$26.00





| THE CANADIAN JOURNAL OF NEUROLGICAL SCIENCES   |    | Preoperative Hypertension does Predict Post-Carotid Endarterectomy  |      |
|--|----|---|------|
| VOL. 17, NO. 1 FEB. 1990   |    | Hypertension A.W. Gelb, I.A. Herrick  | 95   |
| ORIGINAL ARTICLES  |    | Reply from author   |      |
| Fluorodeoxyglucose Positron Emission Tomography Studies in Presumed  |    | A. Shuaib   | 96   |
| Alzheimer Cases, including 13 Serial Scans   |    | Erratum   |      |
| E.G. McGeer, R.P. Peppard, P.L. McGeer, H. Tuokko, D. Crockett,<br>R. Parks, H. Akiyama, D.B. Calne, B.L. Beattie and R. Harrop  | 1  | BOOK REVIEWS  CALENDAR OF EVENTS  |      |
| Association Between Alzheimer Disease and Amyotrophic Lateral Sclerosis?   |    | NOTES AND ANNOUNCEMENTS   |      |
| M.F. Frecker, F.C. Fraser, E. Andermann and W.E.M. Pryse-Phillips  | 12 | INSTRUCTIONS TO AUTHORS   |      |
| Dibutyryl Cyclic AMP Induces Vimentin and GFAP Expression in Cultured<br>Medulloblastoma Cells   |    | ADVERTISERS INDEX   |      |
| B.L. Maria, D. Wong and V.I. Kalnins   | 15 | VOL. 17, NO. 2 MAY 1990   |      |
| Phase II Study of Trimetrexate in Recurrent Anaplastic Glioma National Cancer Institute of Canada Clinical Trials Group Study J. Gregory Cairncross, Elizabeth A. Eisenhauer, David R. Macdonald, Michel P. Rathbone, Malcolm J. Moore, Carol A. Sawka, Ronald E. MacCormick and Ian G. Kerr | 21 | ORIGINAL ARTICLES  Neuropathie Sensitivo-Motrice Héréditaire avec ou sans Agénésie du Corps Calleux: Etude Radiologique et Clinique de 64 Cas Jean Mathieu, Fernand Bédard, Claude Prévost et Pierre Langevin | 103  |
| Absence of Responses to Microstimulation at the Hand-Face Border in<br>Baboon Primary Motor Cortex<br>Donald D. Samulack, Robert S. Waters, Robert W. Dykes  |    | Myotubular Myopathy: Arrest of Morphogenesis of Myofibres Associated with Persistence of Fetal Vimentin and Desmin Four cases compared with fetal and neonatal muscle Harvey B. Sarnat                        | 100  |
| and Patricia A. McKinley   | 24 | Monomelic Atrophy   | 109  |
| Receptive-field Size of S1 Cortical Neurones is Altered by   |    | J. Oryema, P. Ashby and S. Spiegel  | 124  |
| Methaqualone via a GABA Mechanism T.P. Hicks, T. Kaneko and JI. Oka  | 30 | Intermediate Filaments in the Human Pituitary Gland: An Immunohistochemical Study   |      |
| PET, CT and MRI Imaging of Neuronal Migration Anomalies  |    | W.C. Halliday, S.L. Asa, K. Kovacs and B.W. Scheithauer   | 131  |
| in Epileptic Patients John Falconer, John A. Wada, Wayne Martin and David Li   | 35 | Clinical Differences Between Metoclopramide- and Antipsychotic-<br>Induced Tardive Dyskinesias  |      |
| Acute Transverse Myelopathy in Children  Coleen Adams and Derek Armstrong  | 40 | Anthony E. Lang   | 137  |
| Late Pseudo-Exacerbation of Myasthenia Gravis Due to Ectopic Thymoma Invading Lower Cranial Nerves   |    | Regional Cerebral Glucose Metabolism in Turner Syndrome C. Clark, H. Klonoff and M. Hayden  | 140  |
| Gregg MacLean, Alan Guberman and Antonio Giulivi   | 46 | The High Incidence of Valproate Hepatotoxicity in Infants May Relate to Familial Metabolic Defects  R.E. Appleton, K. Farrell, D.A. Applegarth, J.E. Dimmick,   |      |
| POINT DE VUE   |    | L.T.K. Wong and A.G.F. Davidson   | 145  |
| Neurochirurgie et Créativité Christian Phéline   | 49 | Fukuyama Type Congenital Muscular Dystrophy in a Turkish Child  |      |
|  | 42 | Haluk Topaloğlu, Yavuz Renda, Safiye Gögös, Sibel Benli,<br>Gülay Nurlu and Mustafa Yildirim  | 149  |
| SYMPOSIUM SUMMARY The Second Canadian Conference on Multiple Sclerosis   |    | Isolated Angiitis of the Central Nervous System in Childhood  |      |
| Brian G. Weinshenker and Robert Nelson   | 53 | D.G. Matsell, D.L. Keene, C. Jimenez and P. Humphreys   | 151  |
| SPECIAL SUPPLEMENT - Secreting Pituitary Adenomas  |    | SPECIAL FEATURES AND REVIEWS  Drug-Induced Parkinsonism and Other Movement Disorders  |      |
| Surgical Management of Giant Pituitary Adenomas Gérard Mohr, Jules Hardy, Ronald Comtois and Hughes Beauregard   | 62 | R.T. Ross  Is Atrial Fibrillation an Independent Risk Factor for Stroke?  | 155  |
| Prolactin-Secreting Adenomas - Surgical Results Giulio Maira, Carmelo Anile, Laura De Marinis and  |    | Stephen J. Phillips   | 163  |
| Antonino Barbarino   | 67 | NEUROSURGICAL SYMPOSIUM - William S. Keith,<br>Visiting Professorship in Neurosurgery   |      |
| Results of Primary Treatment with Bromocriptine of Prolactinomas with<br>Extrasellar Extension<br>Johanna W. van't Verlaat, Ronald J.M. Croughs, Martin J. Hendriks  |    | Comparisons of the Clinical and Radiological Features and Surgical Management of Posterior Fossa Meningiomas and Acoustic Neuromas  |      |
| and Nicolaas J. Bosma  | 71 | C.H. Tator, E.G. Duncan and D. Charles  | 170  |
| Comparison of Long Term Results Between Prolactin Secreting Adenomas and ACTH Secreting Adenomas   |    | Mechanisms of Tumor-Associated Edema: A Review Rolando F. Del Maestro, Joseph F. Megyesi, Catherine L. Farrell  | 177  |
| Kalmon D. Post and Jo-Ellen Habas  Differential Response to Aminergic Stimuli and Biological Behavior  | 74 | Correlation of CT and MR with Impedance Monitoring and<br>Histopathology in Stereotactic Biopsies<br>J. Gorecki, E.J. Dolan, R.R. Tasker and W. Kucharczyk  | 18/  |
| of Growth Hormone Secreting Pituitary Adenomas Guillermo Fanghanel, Oscar Larraza, Martha Villalobos, Leticia Fanghanel, Marcos Velasco and Francisco Velasco  | 78 | Experience with Ommaya Reservoir in 120 Consecutive Patients with Meningeal Malignancy  | 10   |
| Pituitary Adenomas in Childhood and Adolescence  |    | R.G. Perrin, M. Lishner, A. Guha, J. Curtis, R. Feld and H. Messner   | 190  |
| G. Maira and C. Anile  | 83 | Photodynamic Therapy of Malignant Brain Tumours Paul J. Muller and Brian C. Wilson  | 19.  |
| Andrew D. Parent   | 88 | Critical Appraisal of Experimental Radiation Modalities for Malignant   |      |
| Cerebrospinal Fluid Pressure and Prolactin in Empty Sella Syndrome<br>Giulio Maira, Carmelo Anile, Laura De Marinis, Antonio Mancini   |    | Astrocytomas N.J. Laperriere  | . 19 |
| and Antonino Barbarino   | 92 | XXVth CANADIAN CONGRESS OF NEUROLOGICAL SCIENCES Program and Abstracts  | 209  |
| CORRESPONDENCE   |    | BOOK REVIEWS  |      |
| Guillain-Barré Syndrome and Idiopathic Thrombocytopenic Purpura  | 05 | CALENDAR OF EVENTS  |      |
| F. Khaldi, A. Larnaout, N. Miladi, B. Bennaceur HTLV-I Associated Myelopathy in Chile  | 95 | INSTRUCTIONS TO AUTHORS   |      |
| L. Cartier, F. Araya, J.L. Castillo, R. Verdugo  | 95 | ADVERTISERS INDEX   | XX   |

### VOL. 17, NO. 3 AUG. 1990

| EDITORIAL   |     |
|---|-----|
| Decade of the Brain   | 263 |
| ORIGINAL ARTICLES   |     |
| Coordination of a Multi-Joint Movement in Normal Humans and in Patients with Cerebellar Dysfunction  W.J. Becker, E. Kunesch and HJ. Freund   | 264 |
| Manual Tracking Performance in Patients with Cerebellar Incoordination: Effects of Mechanical Loading  Betty-Lynn Morrice, Werner J. Becker, J.A. Hoffer and Robert G. Lee  | 275 |
| Facteurs environnementaux dans l'étiologie de la maladie de Parkinson<br>J. Zayed, S. Ducic, G. Campanella, J.C. Panisset, P. André,  |     |
| H. Masson and M. Roy  | 286 |
| Erich Mohr, Irene Litvan, Jill Williams, Paul Fedio and Thomas N. Chase   | 292 |
| Parkinsonism with Neuroacanthocytosis<br>R.F. Peppard, C.S. Lu, Nai-Shin Chu, P. Teal, W.R.W. Martin<br>and D.B. Calne  | 298 |
| Lack of Association Between Two Restriction Fragment Length<br>Polymorphisms in the Genes for the Light and Heavy Neurofilament<br>Proteins and Alzheimer's Disease<br>Ginette Lacoste-Royal, Martine Mathieu, Josephine Nalbantoglu, | 302 |
| Jean-Pierre Julien, Serge Gauthier and Denis Gauvreau  Syncope in Childhood: A Case Control Clinical Study of the Familial Tendency to Faint  | 302 |
| Peter R. Camfield and Carol S. Camfield   | 306 |
| The Value of CT Scans for Children with Headaches  J.M. Dooley, P.R. Camfield, M. O'Neill and A. Vohra  | 309 |
| Add-on Trial of Clobazam in Intractable Adult Epilepsy with Plasma Level Correlations A. Guberman, M. Couture, K. Blaschuk and A. Sherwin   | 311 |
| Clobazam as an Add-on Drug in the Treatment of Refractory<br>Epilepsy of Childhood  | 317 |
| Extracranial Repair of Cerebrospinal Fluid Rhinorrhea   |     |
| lan B. Ross, Austin R.T. Colohan and Martin J. Black  Paraneoplastic Encephalomyelitis and Subacute Dysautonomia due to an Occult Atypical Carinoid Tumour of the Lung  | 320 |
| M. Veilleux, J.P. Bernier and J.B. Lamarche Primary CNS Lymphoma: Lymphomatous Meningitis Presenting as a Cauda Equina Lesion in an AIDS Patient  | 324 |
| Pavel Klein, Gary Zientek, Scott R. VandenBerg and Eric Lothman<br>Clinical Recovery and Sleep Architecture Degradation   | 329 |
| Vladimir C. Hachinski, Mortimer Mamelak and John W. Norris Fatal Streptokinase-Induced Intracerebral Haemorrhage in Cerebral  | 332 |
| Amyloid Angiopathy D.A. Ramsay, J.L. Penswick and D.M. Robertson  | 336 |
| ABSTRACTS Abstracts of the Canadian Association of Neuropathologists  |     |
| 1989 Meeting  | 342 |
| CORRESPONDENCE  | 352 |
| NOTES AND ANNOUNCEMENTS   | 355 |
| CALENDAR OF EVENTS  | 356 |
| BOOK REVIEWS  | 358 |
| INSTRUCTIONS TO AUTHORS   | ٧   |
| ADVERTISERS INDEX   | XXV |

### VOL. 17, NO. 4 NOV. 1990

### ORIGINAL ARTICLES Neural Maturational Delay as a Link in the Chain of Events Leading to SIDS Hypervolemic-Hemodilution and Hypertension During Temporary Middle Cerebral Artery Occlusion in Rats: The Effect on Blood-Brain Barrier Permeability Daniel J. Cole, John C. Drummond, Jerry S. Matsumura, Encephalopathy in Liver Transplantation: Neuropathology and CMV Infection C. Power, S.D. Poland, K.H. Kassim, J.C.E. Kaufmann and G.P.A. Rice ... 378 Multiple Sclerosis in French Canadians: Evidence for HLA Class II Susceptibility and Resistance Genes Heterogeneity in Multiple Sclerosis: Comparison of Clinical Manifestations in Relatives A Cluster-Focus of Multiple Sclerosis at Henribourg, Saskatchewan The Mechanism of Embolic Watershed Infarction: Experimental Studies Petrous Meningiomas: A Review of Seventeen Cases R.L. Macdonald, P.J. Muller, W.S. Tucker, R.J. Moulton Positron Emission Tomography Study of Brain Benzodiazepine Recentors in Friedreich's Ataxia C. Chavoix, Y. Samson, S. Pappata, C. Prenant, M. Mazière, ..... 404 A. Seck and Y. Agid .... Neuropsychological Deficits and Sleep in Myotonic Dystrophy CQA 206-291 in Parkinson's Disease: An Acute Single Escalating Dosage Study Anthony E. Lang, David E. Riley, Luc Vachon and Xavier Lataste....... 416 Immunohistochemistry of Ecchordosis Physaliphora and Chordoma Hemifacial Spasm and Craniovertebral Anomaly SPECIAL FEATURES Hypothesis: Similarities of Guamanian ALS/PD to Post-Encephalitic Parkinsonism/ALS: Possible Viral Cause Symposium: Legal Issues in the Practice of Neurology BOOK REVIEWS ...... 440 NOTES AND ANNOUNCEMENTS ...... 443 XXVI CANADIAN CONGRESS OF NEUROLOGICAL SCIENCES — CALL FOR ABSTRACTS ...... 445 PRELIMINARY PROGRAM INDEX TO VOLUME 17 ...... 449 INSTRUCTIONS TO AUTHORS ...... viii

ADVERTISERS INDEX ..... xxiii

